Name	Affiliation	Home Town	State or Country	Label	Comment
Dale Simbeck	VP, SFA Pacific, Inc.	Palo Alto	California	CCS Deployment Drivers and Incentives	One of the few win- win-win options for CCS is coke/coal to H2 with CCS where the CO2 is used for CO2/water enhansed oil recovery (EOR) while the H2 is use very effectively use for cogen CO2 free electric power and the cogen CO2 free steam for heavy oil steam stimulation EOR. Efficiently increasing domestic oil production while reducing overall CO2
Vatsal Bhatt	Brookhaven National Laboratory	Setauket	NY, USA	CCS Deployment Drivers and Incentives	We use longterm energy, environment & economic systems

Attachment

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					analysis methodologies to evaluate competitiveness of CCS in the US energy market with the life cycle analysis, studying deployment opportunities & strategies for achieving effective market share. How can we add value to the Task Force's activities?
Edward Nisbett P.E.	independant metallurgical consultant	Navarre	Florida	Other	Interest in carbon dioxide sequestration is because of its alleged effects as a so-called greenhouse gas, and this allegation is based on a dubious consensus reached by a

ProjectSummar y.pdf

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scientific panel that had determined its conclusions before doing any work. Sequestering carbon dioxide is supposed to be done in a "cost effective" manner but regardless of how it is done the outcome will be very significant cost increases for electricity, in other words a hefty carbon tax. At this time we should direct our efforts at properly assessing the risks of using carbon rich fuels, using people whose work is open to full disclosure and scrutiny. Unfortunately for

Page 6 of 74

Robert Pannuto CO2 Capture Retired Marshfirld MA It seems that we will be livibng with Government Meteorologist fossil fuels for at least the next few years until clean energy becomes competitive with coal and oil. Therefore we need to develop a CCS system which will caputure CO2 from the air iself as well as at the source of the emitting CO2 energy plants._x000D_ _x000D_ Counties like China are going on line with an electrical plant using coal at a rate of one a week and will

continue to do so until a cheaper energy source

Page 8 of 74

Page 9 of 74

Muhammad Aijaz Umer Life member of Pakistan

Engineering council

Karachi

Pakistan

CCS Global Initiatives,

becomes available.

In many Gulf

countries Fuel is

subsidized at the

level of 0.75 US

\$/MMBTU._x000D_

In Bid evaluation

the factor of fuel

price is less than

20% in total tariff,

So efficiency of

power plant hence

subsequent CO2

emmision is not an

important

factor._x000D_

It is suggested that

for an IPP model all

Bids to be

evaluated on

International price

of Fuel, so that

Efficiency of power

plant become an

important factor,

which will help to

reduce CO2

					emmision_x000D_
Muhammad Aijaz umer	Pakistan Engineering Council	Karachi	Pakistan	CCS Global Initiatives,	It is suggested that all thrmal power plant having less than 30 % thermal efficiency to be stop immediately to reduce CO2 Emission
Muhammad Aijaz umer	Pakistan Engineering Council	Karachi	Pakistan	CCS Global Initiatives,	Try to convince various countries to adopt supercritical technology in steam power generation power plant
Augustin McEvoy	Consultant/universit y retired	Lausanne	Switzerland	CCS Deployment Drivers and Incentives	The CCS proposal is an astuce for the coal industry to continue business as usual for another 10 years. It implies carbon dioxide capture either after oxygen-supported combustion, or separation from conventional flue



conventional flue gases. Then there is a gas pipeline infrastructure to construct, then injection into suitable geological formations - still to be identified. This is distinct from enhanced oil recovery techiques which have a different commercial motivation.Even at that, if practicable, CCS can apply seriously only to new-build major carbon diooxide emitting industries, esp. electricity generation - no possible application to domestic, transport etc. In

Robert G. Lavoie

CalPetra Research and Consulting Inc.

Calgary

Alberta, Canada

CO2 Storage/Reuse

The cost of capturing,

compressing, and transporting then storing CO2 high (but cheaper than

all the other

alternatives, i.e.

renewables, solar,

wind, etc... that it

will never happen without the political

move to put a price

on carbon

emissions.

Geological storage

will work with

adequate geological

characterization

and monitoring of

projects. All that is

missing is an

economic driver,

this will come when

it costs about \$50 to

\$60 per ton of fossil

"C"O2 emitted to

the atmosphere. Lets just get that price on it, and get started. All the innovative ideas and people who can make it happen will follow that one political move._x000D_ _x000D_ Best Regards,_x000D_ _x000D_ Rob

Charles D. McConnell

Vice President Carbon

Management -**Battelle Energy** Columbus

Ohio

Regulatory & Legal

As the leader of the

MidWestern

Regional Carbon Sequestration Partnership

(MRCSP)we face

no greater challenge than

regulation and legal

issues in teh advancement of technology. Can

http://www.whit ehouse.gov/site s/default/files/w ebform/carbonC aptureSummit1 4-15Sept10_Was hDC.pdf

Ed Hicks	consultant	Turnersville NJ	NJ	Other	the Fed step into demonstration projects and collaborate with states for these special circumstances to allow demonstration projects to proceed? whomever wrote the program description at http://www.whitehou se.gov/administratio n/eop/ceq/initiatives /ccs accidentally wrote "clean coal" instead of "Carbon Capture". The program has nothing to do with clean coal technologies.
Calvin Billings	A2 Engineering Group	Lake Charles	LA	CO2 Capture	Hydrofuel, as BACT, will eliminate CO2 emissions

http://www.whit ehouse.gov/site s/default/files/w

Grant Smith Citizens Action Coalition of Indiana Indianapolis Indiana Other This comment addresses most of the optional categories listed in "Area of Comment." CAC would first like to point out that CCS is far to expensive to pursue. New coal- fired plants are prohibitively expensive. The only IGCC facility being built now is in Edwardsport, IN. Without CCS, construction costs have risen over 200%, from an initial estimate of \$1.3 billion to					
Coalition of Indiana addresses most of the optional categories listed in "Area of Comment." CAC would first like to point out that CCS is far to expensive to pursue. New coalfired plants are prohibitively expensive. The only IGCC facility being built now is in Edwardsport, IN. Without CCS, construction costs have risen over 200%, from an initial estimate of					sources without the need of cap and trade, taxes or
	Grant Smith	Indianapolis	Indiana	Other	addresses most of the optional categories listed in "Area of Comment." CAC would first like to point out that CCS is far to expensive to pursue. New coalfired plants are prohibitively expensive. The only IGCC facility being built now is in Edwardsport, IN. Without CCS, construction costs have risen over 200%, from an initial estimate of

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almost \$3 billion for a plant that is less than 50% complete. Duke Energy, the utility building the plant, has also received \$17 million from ratepayers for studying 17% capture at the facility, which is says is not nearly enough, and estimates that it will need \$500 million to \$1 billion just to characterize geology for sequestration, which it now says isn't enough. A University of Wyoming researcher estimated in 2008 that capturing, transporting, and

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Jem Cooper Newick, East UK **CCS** Deployment Fuel producers None should be obliged to Drivers and Sussex Incentives pay for the capture and sequestration of an increasing proportion of the carbon dioxide produced when their product is burned._x000D_ _x000D_ For details on why this proposal would be easier for all countries to agree to than cap and trade or carbon tax, how it would drive energy saving, renewables and nuclear, how it would be implemented and how it would stop global warming see my article

at_x000D_

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http://www.ngoilgas. com/article/sortingclimate-change _x000D_ _x000D_ and my website at_x000D_ http://jemsavesthepl anet.blogspot.com/ 2009/11/climateagreement.html _x000D_ _x000D_ If my proposal is implemented there will be power companies and others from around the world competing to take the money. I hope we will be left wondering what all the fuss around cutting emissions was about. (Chinese)_x000D_ _x000D_

Liu Zerui

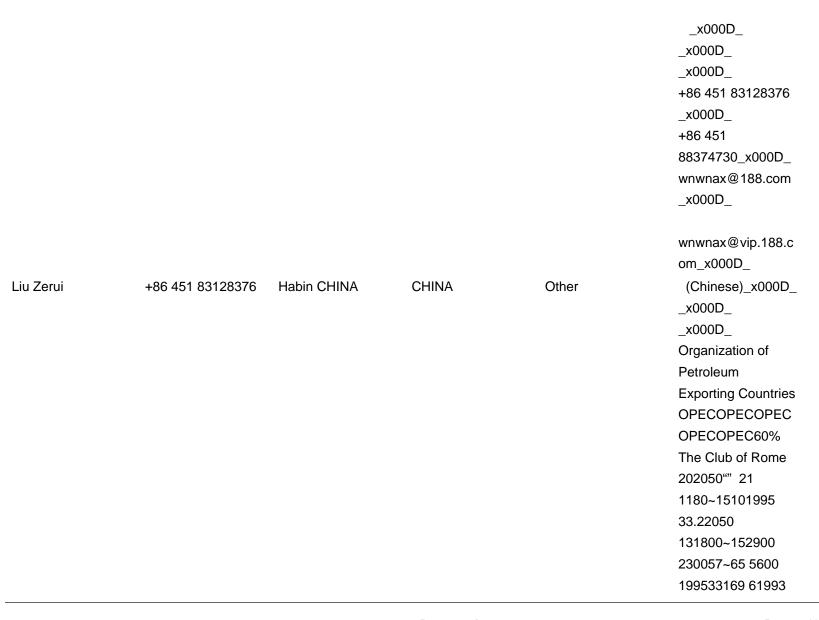
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Other

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Steven Kivari
                   private citizen
                                      Reed City
                                                          Michigan
                                                                             CO2 Capture
                                                                                                Why so little
                                                                                                attention to algea?
                                                                                                Most of the
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Vte.Lopez

Eduardo Garcia

Tecnico

research and discussion seems aimed toward storage as gaseous CO2 ratherr than conversion to biomass. The latter to me seems an alternative worthy of the greatest interest. CO2 capture and its transformation into elementary products for use in food and fuel, it is our concern for years, our proposal is a reality and is the absorption capacity of the algae from CO2 in greenhouses. _x000D_ We are in greenhouses produce hermetic

Argentina

CO2 Capture

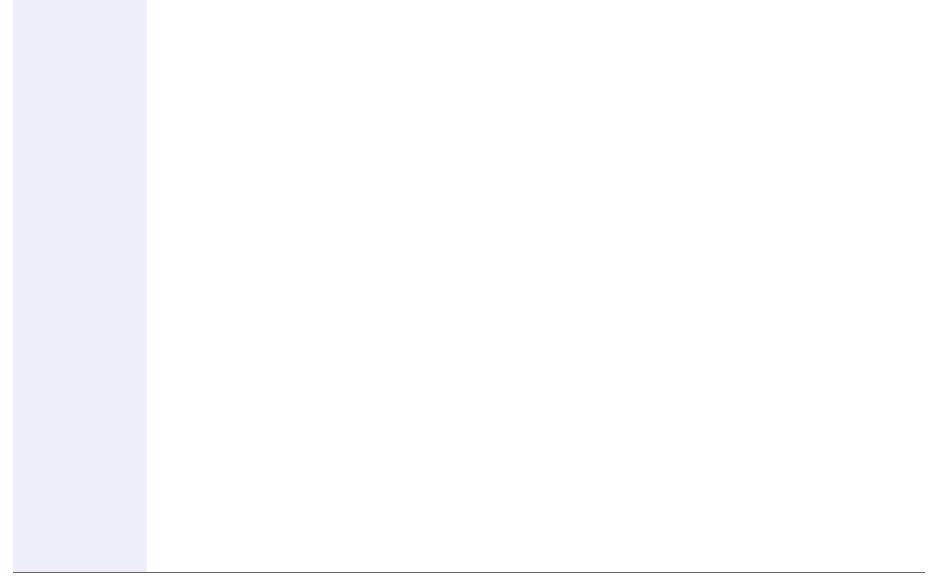
Conditions by very low cost and big dimension to absorb the CO2 that power plants produce. _x000D_ These greenhouses are designed to allow the CO2 to be absorbed smoothly and completely isolated from the environment because if you do not have maintenance and service life exceeds 30 years. _x000D_ The CO2 capture and processing and production of algae is very complex in the manner currently conducted and greenhouses made by the technical team that I

Charles C. YANG Hudson Electek Co. Miramar FL CO2 Capture We got patent in

China for co2 capture in gas turbine generating systems

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Elisa Young	Meigs Citizens	Racine, Ohio	US	Other	I would like to go to
	Action Now				this meeting- we
					are impacted by a
					CCS site that is
					immediately across
					the state line from
					us in a separate
					EPA region and
					they are not
					considering our
					health and safety
					with this
					experimental site in
					any way, shape, or
					form, and so far the
					majority of the
					funding has come
					from taxpayers - we
					are paying for this
					site in terms of
					financial, health,
					and environmental
					risks - not the
					industry conducting
					the experiments.
					x000D
					x000D



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Todd Longfellow	none concerned tax payer	Union City	IN	CO2 Storage/Reuse	I can not believe that smart people would ever consider to store c02 underground. The only reason for this stupid idea is to put money in someones pocket!
Edward Dery	citizen	Bethlehem	PA	CO2 Capture	CO2 capture is not a solution to the problem It's only a way for the coal companies to continue to reap profits at the expense of mother naturex000Dx000DThere is no way to put the genie back in the bottle after you let it out. Just like there is no way to undo CO2 creationx000Dx000D

Common sense says that putting the CO2 under ground or in the ocean is going to hide the problem, but it will not go away.... We have no way of knowing what the long term effects on the environment will be. We are just passing along our problems to the next generation who will have to deal with the issues we are choosing to avoid._x000D_ _x000D_ The only real solution is to not make the CO2 in the first place!!!! The technology is available to do this... So why are

Page 52 of 74

John E Shelk	President & CEO of the Electric Power Supply Association	Washington	DC	CCS Deployment Drivers and Incentives	we having this discussion????_x0 00Dx000D_ thanks,_x000D_ Ed Please refer to the attached document encouraging parity for competitive power suppliers with respect to accessing incentives for CCS technology.
Matthew C. Thomas	Hunton & Williams LLP	Washington, DC	USA	Regulatory & Legal	Please see attached letter.
George Hill		Pontiac	Michigan	CCS Global Initiatives	work together on agreeing on the agenda. Negotiate on in return and find ways research

http://www.whit ehouse.gov/site s/default/files/w ebform/CCS%2 0EPSA%20TF %20Letter%20 May2010_1.pdf

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exchange if only its proofin by other countries too who willin to put in and why the countries who won't pitch in. Ask them first to see where they is comin from and go from there.

Eugene M. Trisko

United Mine Workers of America Berkeley Springs

WV

Regulatory & Legal

Please see

attached letter with attachments.

Shannon Angielski and Karen

Obenshain

Coal Utilization Research Council; Edison Electric

Washington

District of Columbia

CO₂ Capture

Please see the attached document relating to issue areas 1, 2, and 5.

Kipp Coddington

NACCSA

Institute

Arlington

Virginia

Regulatory & Legal

See attachment.

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Quinlan J. Shea, III	Edison Electric Institute	Washington	DC	Other	Comments are attached below. Please address any questions to Emily Fisher (efisher@eei.org/(2 02) 508-5616) or Dr. Karen Obenshain (kobenshain@eei.or g/(202) 508-5223).
Ben Yamagata	Coal Utilization Research Council	Washington	District of Columbia	CO2 Capture	Please see the attached set of comments submitted on behalf of the Coal Utilization Research Council that apply to all 6 issue areas

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					identified by the Task Force.
John Thompson	Clean Air Task Force	Boston	MA	CCS Deployment Drivers and Incentives	Our comments are too large to be uploaded to this site. We will email the 75 page pdf. They address Regulatory/Legal, CCS Deployment and Drivers and Incentives, CCS Global Initiatives, CO2 Capture, and CO2 storage and reuse.
Emily Marthaler	Midwestern Governors Association	Washington	DC	Other	Please see attached letter. Documents referenced can be viewed at: - http://www.midwest erngovernors.org/P ublications/Infrastru ctureAccord.pdf - http://www.midwest erngovernors.org/P

TAL.pdf

http://www.whit ehouse.gov/site s/default/files/w ebform/federal %20ccs%20tas kforce%20com ments.pdf

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Mark Clayton	Skyonic Corporation	Austin	TX	CCS Deployment Drivers and Incentives	As incentives are developed, consider technologies such as permanent conversion (mineralization). Early legislation has provided incentives for geologic sequestration from which developing technologies that are as effective in capturing and sequestering carbon cannot benefit. In the interest of accomplishing the



goal of carbon dioxide capture and sequestration, incentives should provide a "level playing field" for all technologies that deploy a technology that captures CO2 permanently through conversion, beneficial re-use (other than EOR, which is already considered) or a yet-to-be-developed technology. The same should be true of incentives for R&D and development programs. There are a lot of technologies out there, of which Skyonic's SkyMine® is one,

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Mark Clayton

Skyonic Corporation Austin

TX

CO2 Capture

Skyonic has a technology that captures and permanently converts CO2 into inert mineral form. As such, it does not benefit from some of the incentives for geologic storage that encourage the development of those technologies. A price on CO2 would encourage

technologies and provide some basis for cost/benefit calculations. It would also be technology neutral, which would allow

facilities to implement

innovative approaches to develop

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					competitively. In
					this scenario, power
					plants and industrial
					facilities would have
					both an incentive to
					implement
					something and the
					flexibility to choose
					the technology that
					accomplished the
					reduction goal most
					effectively for their
					situation.
Mark Clayton	Skyonic	Austin	TX	CO2	There are
	Corporation			Storage/Reuse	technologies that
					permanently
					convert CO2 and
					therefore have no
					need of
					underground
					storage.
Mark Clayton	Skyonic	Austin	TX	CO2 Transportation	Permanent
	Corporation				conversion
					technologies have
					no CO2
					transportation
					issues as the CO2



					is in solid form and can be stored or transported with traditional transportation options.
John Thompson	Clean Air Task Force	Boston	MA	CCS Deployment Drivers and Incentives	The Clean Air Task Force tried earlier to submit a file containing our comments to the Interagency CCS Task Force, however, the file was too large. Here is a link to our web site where the 75- page pdf file can be downloaded. http://www.catf.us/r esources/publicatio ns/view/134 Thank you for your consideration.
Rolf Nordstrom	Great Plains Institute	Minneapolis	Minnesota	CCS Deployment Drivers and Incentives	Please see attached letter.

http://www.catf. us/resources/pu blications/view/ 134

http://www.whit ehouse.gov/site s/default/files/w

s/default/files/w ebform/GPI%20 Comments%20t o%20the%20Int eragencyTaskF orce_CCS_7_0 2_2010.pdf